MONTHLY

BIBLIOGRAPHY ON EXOTIC ANIMAL DISEASES

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AFRICAN HORSE SICKNESS

PIL

SKALINSKII, E.I., and IVANOVSKII, E.V.

Study of the African horse sickness of solid ungulates.

(Rus) Veterinariya 10:29-31, 1964.

Bibliogr. Agr. 29(9):138(82714), 1965

AFRICAN SWINE FEVER

#6347

COGGINS, L., and HEUSCHELE, W.P.

Use of agar diffusion precipitation test in the diagnosis of African swine fever.

FAO/OIE International Meeting Report AN 1965/4, Abstract of Working Papers No. 37, p. 33.

AFRICAN SWINE FEVER

#6347

DeLAY, P.D., and SHARMAN, E.C.

The effect of stressor viruses on pigs inoculated with attenuated African swine fever virus.

FAO/OIE International Meeting Report AN 1965/4, Abstract of Working Papers No. 35, p. 32.

AFRICAN SWINE FEVER

#6347

FAO/OIE

Report on the FAO/OIE International meeting on hog cholera and African swine fever, held in Rome, Italy, 31 May - 5 June 1965. 36 p.

Meeting Report AN 1965/4

AFRICAN SWINE FEVER

#6347

DORMAN, A.

The control of African swine fever in Kenya.

FAO/OIE International Meeting Report AN 1965/4, Abstract of Working Papers No. 42, p. 34-35.

AFRICAN SWINE FEVER

PIL

GRAZIOSI, F.

Regulations for the prevention of African swine fever.

Gazz. Vet. 17(3/4):22-23, 1964 (I.).

Index Vet. 33(1):67, 1965

AFRICAN SWINE FEVER

#6347

HAAG, J., LARENAUDIE, B., and GONZALVO, F.R.

African swine fever: Action of 5-iodo-2'-desoxyuridine on the growth of the virus in tissue culture.

FAO/OIE International Meeting Report AN 1965/4, Abstract of Working Papers No. 33, p. 32.

AFRICAN SWINE FEVER

PIL

KOVALENKO, Ya., SIDOROV, M., and BURBA, L.

African swine fever and measures for controlling it.

(Rus) Mezhdunar. Sel'skokhoz. Zh. 1:44-48, 1965.

Bibliogr. Agr. 29(10):149(92443), 1965

AFRICAN SWINE FEVER

#6347

HEUSCHELE, W.P., COGGINS, L., and STONE, S.S.

Fluorescent antibody studies on African swine fever virus.

FAO/OIE International Meeting Report AN 1965/4, Abstract of Working Papers No. 38, p. 33.

AFRICAN SWINE FEVER

PIL

KOVALENKO, Ya. R., SIDOROV, M.A., and BURBA, L.G.

Clinical picture of the experimental African swine fever.

(Rus) Veterinariya 1:40-43, 1965.

Bibliogr. Agr. 29(10):149(92444), 1965

AFRICAN SWINE FEVER

#6347

LARENAUDIE, B., HAAG, J., and CARNERO, R.

The purification of the virus of African swine fever by fluorocarbon.

FAO/OIE International Meeting Report AN 1965/4, Abstract of Working Papers No. 32, p. 32.

AFRICAN SWINE FEVER

PIL

MARIOTTI, F.

Regulations for the prevention of African swine fever.

Vet. Ital. 15:1030, 1964 (I.).

Index Vet. 33(1):101, 1965

AFRICAN SWINE FEVER

#6347

LUCAS, A., HAAG, J., and LARENAUDIE, B.

Laboratory methods used in France in the diagnosis of swine fevers.

FAO/OIE International Meeting Report AN 1965/4, Abstract of Working Papers No. 39, p. 34.

AFRICAN SWINE FEVER

#6347

MULHERN, F.J.

The economic significance of the combined threat of hog cholera and African swine fever.

FAO/OIE International Meeting Report AN 1965/4, Abstract of Working Papers No. 1, p. 22.

AFRICAN SWINE FEVER

#6347

SANCHEZ BOTIJA, C.

Present characteristics of African swine fever in Spain.

FAO/OIE International Meeting Report AN 1965/4, Abstract of Working Papers No. 31, p. 31-32.

AFRICAN SWINE FEVER

#6347

SANTAMARIA, J.

The control of swine fevers in France.

FAO/OIE International Meeting Report AN 1965/4, Abstract of Working Papers No. 29, p. 31.

AFRICAN SWINE FEVER

#6347

SANCHEZ BOTIJA, C., and SANCHEZ BOTIJA, R.

Results obtained with the Malmquist and Hay test (haemadsorption reaction) in diagnosing African swine fever.

FAO/OIE International Meeting Report AN 1965/4, Abstract of Working Papers No. 36, p. 33.

AFRICAN SWINE FEVER

#6347

SCOTT, G.R.

Prevention, control and eradication of African swine fever.

FAO/OIE International Meeting Report AN 1965/4, Abstract of Working Papers No. 41, p. 34.

AFRICAN SWINE FEVER

#6347

SCOTT, G.R.

The virus of African swine fever and its transmission.

FAO/OIE International Meeting Report AN 1965/4, Abstract of Working Papers No. 30, p. 31.

AFRICAN SWINE FEVER

PIL

ZAVAGLI, V.

Il problema della peste suina Africana (The problem of African swine fever).

Zooprofilassi 20(8):451-465, 1965

AFRICAN SWINE FEVER

#6347

STONE, S.S., and HESS, W.R.

The effect of some chemical inactivants on the immunogenicity of African swine fever virus.

FAO/OIE International Meeting Report AN 1965/4, Abstract of Working Papers No. 40, p. 34.

AGALACTIA

PIL

COTTEW, G.S., and LLOYD, L.C.

An outbreak of pleurisy and pneumonia in goats in Australia attributed to a mycoplasma species.

J. Comp. Pathol. 75(4):363-374 & Figs. 1-8, 1965

BOVINE PLEUROPNEUMONIA

GOURLAY, R.N., and SHIFRINE, M. PIL & #7069

Comparison between methods of antigen preparation and the use of adjuvant in the delayed allergic skin reaction in contagious bovine pleuropneumonia.

J. Comp. Pathol. 75(4):375-380, 1965

BOVINE PLEUROPNEUMONIA

SHIFRINE, M., and GOURLAY, R.N. PIL & #7070

The immediate type allergic skin reaction in contagious bovine pleuropneumonia.

J. Comp. Pathol. 75(4):381-385, 1965

BOVINE PLEUROPNEUMONIA

LU TAO-CH'UN, et al* PIL

Indirect haemagglutination test for the diagnosis of contagious bovine pleuropneumonia.

Acta Vet. Zootech. Sin. 7:253-262, 1964 (C.r.).

Vet. Bull. 35(10):620(3759), 1965

*Wu Yu-hsiang, Ch'en Yu-chang, and Liu Yu-mei

CAPRINE PLEUROPNEUMONIA

COTTEW, G.S., and LLOYD, L.C. PIL

An outbreak of pleurisy and pneumonia in goats in Australia attributed to a mycoplasma species.

J. Comp. Pathol. 75(4):363-374 & Figs. 1-8, 1965

FOOT-AND-MOUTH DISEASE

PIL

BROOKSBY, J.B.

The impact of research on the control of foot-and-mouth disease.

Agr. Prog. 39:7-17, 1964.

Bibliogr. Agr. 29(8):121(72204), 1965

FOOT-AND-MOUTH DISEASE

PIL

CUNHA, R.G.

Advances in the study of the virus of foot-and-mouth disease.

(Sp) Rev. de Med. Vet. (Buenos Aires) 45(6):385-398, 1964.

Bibliogr. Agr. 29(8):122(72217), 1965

FOOT-AND-MOUTH DISEASE

PIL &
#

CAMPBELL, Charles H.

Anaphylaxis in pregnant and mother mice following active and passive sensitization.

Cornell Vet. 55(4):545-558, 1965

FOOT-AND-MOUTH DISEASE

QR 360 P8

DARNELL, James E., et al*

Molecular events in the synthesis of poliovirus.

Discussion, p. 29-33 (H.L. Bachrach).

In: Perspectives in Virology IV, 1965, edited by Morris Pollard, p. 16-33.

*Sheldon Penman, and David Baltimore

FOOT-AND-MOUTH DISEASE

PIL

EPSTEIN, B.

Experimental investigations on foot-and-mouth disease.

(Sp) Rev. de Med. Vet. (Buenos Aires) 45(6):411-417, 1964.

Bibliogr. Agr. 29(8):122(72226), 1965

FOOT-AND-MOUTH DISEASE

PIL

FRENKEL, H.S.

Foot and mouth disease.

In: Hoeden, J. van der, ed. Zoonoses, p. 432-440, 1964.

Bibliogr. Agr. 29(9):117(81903), 1965

FOOT-AND-MOUTH DISEASE

PIL &
#

FELLOWES, O.N.

Activity of foot-and-mouth disease virus antiserum after treatment with B-propiolactone to inactivate a contaminating virus.

Appl. Microbiol. 13(6):1038-1039, 1965

FOOT-AND-MOUTH DISEASE

PIL

GAGLIARDI, G., BORGHI, G., and ZOLETTO, R.

Serological aspects of foot-and-mouth disease vaccination.

(It) Soc. Ital. Sci. Vet. Atti 18:705-712, 1964 (publ. 1965).

English summary

Bibliogr. Agr. 29(10):116(91339), 1965

FOOT-AND-MOUTH DISEASE

PIL &
#

GAILIUNAS, Peter

Detection of minimal quantities of foot-and-mouth disease virus with bovine kidney tissue cultures.

Appl. Microbiol. 13(6):872-875, 1965

FOOT-AND-MOUTH DISEASE

PIL

GRINETS, I.G.

Morphological changes in the blood and bone marrow of cattle and guinea pigs with foot and mouth disease.

Trudy Nauchno-Kontrol Inst. Vet. Preparatov 12:116-127, 1964 (R.).

Index Vet. 33(1):68, 1965

FOOT-AND-MOUTH DISEASE

PIL

GARBE, H.-G.

Foot and mouth disease aphthae on the udder of a cow.

Vet.-Med. Nachr. No. 2:95-96, 1964 (G.e.f.sp.).

Index Vet. 33(1):62, 1965

FOOT-AND-MOUTH DISEASE

PIL

GUSHCHIN, N.I.

Meat losses in cattle due to foot and mouth disease.

Trudy Nauchno-Kontrol Inst. Vet. Preparatov 12:375-378, 1964 (R.).

Index Vet. 33(1):69, 1965

FOOT-AND-MOUTH DISEASE

PIL

KARDASSIS, I.

I. Recent outbreaks of foot and mouth disease in Greece and the control of the disease.

Bull. Soc. Vet. Hell. 15:159-173, 1964 (Gr.f.).

Index Vet. 33(1):84, 1965

FOOT-AND-MOUTH DISEASE

PIL

KOUBA, V.

Methods of eradication of the primary foci of foot-and-mouth disease in large breeding centers.

(Cz.) Veterinarstvi 15(4):145-150, 1965.

Bibliogr. Agr. 29(10):105(90967), 1965

FOOT-AND-MOUTH DISEASE

PIL

KLIMOV, N.M., and VASIL'EVA, E.A.

Use of bentonite for the purification of foot and mouth disease virus.

Trudy Mosk. Vet. Akad. 30:183-186, 1960 (R.).

Index Vet. 33(1):87, 1965

FOOT-AND-MOUTH DISEASE

PIL

KOUBA, V., POSPICHAL, M., and SEVCIK, B.

Control of foot-and-mouth disease in Mongolia.

(Cz.) Veterinarstvi 15(4):165-167, 1965.

Bibliogr. Agr. 29(10):105(90966), 1965

FOOT-AND-MOUTH DISEASE

KOVACS, J. PIL

Prevention of foot-and-mouth disease.

(Hu) Magyar Mezogazdasag 20(12):15-16, 1965.

Bibliogr. Agr. 29(8):123(72273), 1965

FOOT-AND-MOUTH DISEASE

KOVACS, J. PIL

Symptoms and control of foot-and-mouth disease.

(Hu) Magyar Mezogazdasag 20(13):16-17, 1965.

Bibliogr. Agr. 29(8):123(72274), 1965

FOOT-AND-MOUTH DISEASE

KRIVOSHAPKIN, N.A. PIL

Vaccine-free prophylaxis for foot-and-mouth disease in cattle.

(Rus) Akad. Nauk Kazakhskoi SSR. Izv. Ser. Biol. Nauk. 4:96-100, 1964.

Bibliogr. Agr. 29(8):133(72637), 1965

FOOT-AND-MOUTH DISEASE

KRYLOVA, N.A. PIL

Study of the cytopathic action of foot and mouth disease virus at the cellular level, including electro-physiological methods.

Uchen. Zap. Kazan. Vet. Inst. 93:251-255, 1964 (R.).

Index Vet. 33(1):89, 1965

FOOT-AND-MOUTH DISEASE

PIL

LUBKE, Artur

Versuche zur Immunisierung von Mausen mit experimentell gesteigerter unspezifischer Resistenz gegenuber dem Maul- und Klauenseuche-Virus (Experiments on the immunization of mice with experimentally-increased unspecific resistance to the foot-and-mouth disease virus).

Zentralbl. Bakteriol. Parasitenk. Infektionskrankh. Hyg., I.Abt. Orig. 195(3):275-281, 1965

English summary, p. 281.

FOOT-AND-MOUTH DISEASE

PIL

MICKWITZ, C.-U. v.

Beitrag zum Vorkommen kongenitaler Maul- und Klauenseuche beim Schwein (Contribution to congenital foot-and-mouth disease in swine).

Monatsh. Vet.-Med. 20(17/18):774-778, 1965

FOOT-AND-MOUTH DISEASE

PIL

MERIEUX, C.

Foot-and-mouth disease.
(Use of the SAT 1 vaccine.)

Bourgelat, Summer:4-7, 1964 (Fr).

Bibliogr. Agr. 29(10):106(90989), 1965

FOOT-AND-MOUTH DISEASE

PIL

NATIONAL RESEARCH DEVELOPMENT CORP.

Injectable vaccination emulsions with an oil base.

(Foot-and-mouth disease vaccines)

Neth. Appl. 6,412,206 (Cl. A 61k),April 26,1965; Brit. Appl., Oct. 25, 1963; 20 pp.

Chem. Abstr. 63(9):11270a, 1965

FOOT-AND-MOUTH DISEASE

PIL

ONUFRIEV, V.P., et al*

Investigation of immunogenic characteristics of the foot-and-mouth disease virus, and antifoot-and-mouth vaccines on adult albino mice.

(Rus) Veterinariya 5:34-36, 1965.

Bibliogr. Agr. 29(9):119(81991), 1965

*Yu. F. Shvetsov, R.A. Nikitin, I.C. Kravets, and I.A. Pronin

FOOT-AND-MOUTH DISEASE

PIL

PINI, T., and FERRARI, A.

Results of vaccination of swine against foot-and-mouth disease in the Province of Novara.

(It) Nuovo Prog. Vet. 20(11):552,554,556,558, 1965.

Bibliogr. Agr. 29(10):150(92468), 1965

FOOT-AND-MOUTH DISEASE

PIL

ORAL, M., et al*

Growth of the virus of foot-and-mouth disease using the method of Frenkel.

(Tu) Etlik. Vet. Bakt. Enstitusu. Dergisi 2(3/4):166-176, 1964.

Bibliogr. Agr. 29(9):119(81992), 1965

*H. Orun, C. Boz, and N. Yalim

FOOT-AND-MOUTH DISEASE

PIL

POLYAKOV, A.A., NAURZYBAEV, I., and ROZOV, A.A.

Veterinary sanitary measures in foot and mouth disease outbreaks.

Veterinariya, Moscow 41(11):85-88, 1964 (R.).

Index Vet. 33(1):131, 1965

FOOT-AND-MOUTH DISEASE

PIL

RENOUX, G., et al*

Immunisation des genisses contre la brucellose par l'association du vaccin antibrucellique tue, en excipient et de vaccin anti-aphteux (Immunization of calves against brucellosis by association of killed antibrucellosis vaccine in excipient and anti-aphthous vaccine (man)).

Bull. Acad. Vet. Fr. 37(10):497-502, 1964

*J.A. Nicolas, R. Imbert, and M. Quechon

FOOT-AND-MOUTH DISEASE

PIL

SUTCU, M., SENTURK, M., and UNLULEBLEBICI, N.

The cultivation of foot-and-mouth disease virus in sheep kidney suspended cells.

(Tu) Etlik. Vet. Bakt. Enstitusu, Dergisi 2(2):87-93, 1963 (publ. 1964).

English summary

Bibliogr. Agr. 29(10):108(91061), 1965

FOOT-AND-MOUTH DISEASE

PIL

ROHRER, H.

Zur Epizootologie der Maul- und Klauenseuche (The epizootiology of foot-and-mouth disease).

Monatsh. Vet.-Med. 20(17/18):689-696, 1965

FOOT-AND-MOUTH DISEASE

PIL

TRUBITSYN, B.I., LAVROVA, T.S., and SERGEEV, V.A.

Effect of cultivation methods of the foot-and-mouth disease virus on the formation of negative colonies in tissue culture.

(Rus) Veterinariya 11:11-14, 1964.

Bibliogr. Agr. 29(9):121(82050), 1965

FOOT-AND-MOUTH DISEASE

PIL

TRYAPKIN, B.M., KRYLOVA, N.A., and TITOVA, G.S.

Reactive changes in some animal cells in response to foot and mouth disease virus.

Uchen. Zap. Kazan. Vet. Inst. 93:256-262,1964(R.).

Index Vet. 33(1):171, 1965

FOOT-AND-MOUTH DISEASE

PIL

USHMAEV, N.L.

Control of foot and mouth disease (in Krasnodar territory).

Veterinariya, Moscow 42(2):28-31, 1965 (R.).

Vet. Bull. 35(10):626(3803), 1965

FOWL PLAGUE

PIL

IVANOVA, G.A., et al*

Comparison of the pathogenic properties of fowl plague and Newcastle disease viruses.

Veterinariya 42(3):21-25, 1965 (R.).

Vet. Bull. 35(10):633(3851), 1965

*G.A. Safonov, V.N. Syurin, and N.A. Belova

LOUPING ILL

PIL

CHAN, Y.C.

A study of the antigens of louping ill virus, with special reference to their purification.

Index Theses Univs. Gt. Br. 13:147, 1962/63.

Index Vet. 33(1):30, 1965

LOUPING ILL

PIL

COOPER, W.C., GREEN, I.J., and FRESH, J.W.

Laboratory infection with louping-ill virus: a case study (in man. -Ed.).

Brit. Med. J. 2(5425):1627-1630, 1964

NAIROBI SHEEP DISEASE

PIL

HOWARTH, J.A., and TERPSTRA, C.

The propagation of Nairobi sheep disease virus in tissue culture.

J. Comp. Pathol. 75(4):437-441, 1965

RIFT VALLEY FEVER

PIL

LEVITT, J.

Haemagglutination with Rift Valley fever virus.

S.Afr.Med.J. 39:127, 1965.

Index Vet. 33(1):94, 1965

RINDERPEST

PIL

BABICH, M.A., et al*

Isolation of a gamma-beta-globulin complex from rinderpest antiserum.

Trudy Nauchno-Kontrol Inst. Vet. Preparatov 12:321-325, 1964 (R.).

Index Vet. 33(1):11, 1965

*P.M. Bazylev, V.A. Plotnikova, N.A. Kazak, and G.P. Shcherbakov

RINDERPEST

PIL & #

BARBER, T.L., and DeBOER, C.J.

Response of calves, sheep, and pigs to a cell-culture-modified rinderpest virus.

Cornell Vet. 55(4):590-598, 1965

RINDERPEST

PIL

ERK, N.

A short history of rinderpest until 1920.

Vet. Fak. Derg. 10:221-237, 1963 (T.e.).

Index Vet. 33(1):50, 1965

RINDERPEST

PIL

CORONEL, A.B.

Report of rinderpest in the Philippines.

Philipp. J. Anim. Ind. 21:107-110, 1964.

Index Vet. 33(1):35, 1965

SCRAPIE

PIL

MORRIS, J.A., GAJDUSEK, D.C., and GIBBS, JR., C.J.

Spread of scrapie from inoculated to uninoculated mice.

Proc. Soc. Exp. Biol. Med. 120(1):108-110, 1965

SHEEP POX

PIL

BORISOVICH, Yu. F.

The prevalence of sheep pox in some countries and their control measures against it.

Trudy Nauchno-Kontrol Inst. Vet. Preparatov 12:24-31, 1964 (R.).

Index Vet. 33(1):21, 1965

TESCHEN DISEASE

PIL

RASMUSSEN, Poul G.

A study of enterovirus strains in Danish pigs. I. Isolation, identification and serological classification.

Nord. Vet.-Med. 17(9):459-466, 1965

TESCHEN DISEASE

PIL

MADR, V.

A pig kidney tissue culture vaccine against Teschen disease.

Veterinarstvi 14:540-542, 1964 (Cz.).

Index Vet. 33(1):99, 1965

TESCHEN DISEASE

PIL

YAMANOUCHI, K., BANKOWSKI, R.A., and HOWARTH, J.A.

Physical and biological properties of the Chico strain of porcine enterovirus.

J. Infect. Dis. 115(4):345-355, 1965

VESICULAR STOMATITIS

PIL

JONKERS, A.H., et al*

Laboratory studies with wild rodents and viruses native to Trinidad. I. Studies on the behavior of Cocal virus.

Amer. J. Trop. Med. Hyg. 13(4):613-619, 1964

*L. Spence, C.A. Coakwell, III, and J.J. Thornton, III

(Cocal virus is most likely VSV.)

VISNA

PIL

THORMAR, Halldor, and HELGADOTTIR, Helga

A comparison of visna and maedi viruses. II.-Serological relationship.

Res. Vet. Sci. 6(4):456-465, 1965

MISCELLANEOUS

PIL

KACHANI, Z.F.Ch.

Propagation and properties of hepatitis virus.

"Testing a newly developed chemical reaction, we found the virus of hepatitis to consist of pure deoxyribonucleic acid without proteins, contrary to other known forms."

Nature(Lond.)208(5010):605-606, 1965

MISCELLANEOUS

PIL

KRILL, J.

Plum Island holds nation's only research center for foreign animal diseases.

Cattleman 51(12):38,108,110, 1965.

Bibliogr. Agr. 29(8):123(72275), 1965

MISCELLANEOUS

PIL

MOSELEY, B.L.

The fluorescent antibody technique and its use as an aid in the diagnosis of animal diseases.

Mo. Vet. 14(2):8,17, 1965.

Bibliogr. Agr. 29(10):106(90995), 1965

MISCELLANEOUS

PIL

NISHIOKA, Kusuya

Immune adherence: Its possible role involved in hypersensitivity and antibody production.

Jap. J. Exp. Med. 35(4):29P-33P, 1965

MISCELLANEOUS

PIL

RAY, JR., John G., and KADULL, Paul J.

Agar-gel precipitin-inhibition technique for plague antibody determinations.

Appl. Microbiol. 13(6):925-930, 1965